

**Table C-51. Preliminary Federal obligations for development, by agency and performer:
fiscal year 2002**

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Total, all agencies	35,318,543	7,584,183	24,108,012	508,064	703,449	1,273,493	504,835	463,750	65,973	106,784
Departments:										
Department of Agriculture, total	150,235	141,987	0	0	7,490	0	469	0	36	253
Agricultural Marketing Service	763	763	0	0	0	0	0	0	0	0
Agricultural Research Service	88,230	82,982	0	0	4,490	0	469	0	36	253
Animal & Plant Hlth Inspection Svc	23,389	20,389	0	0	3,000	0	0	0	0	0
Forest Service	33,040	33,040	0	0	0	0	0	0	0	0
Grain Inspection Packers & Stockyards Administration	4,813	4,813	0	0	0	0	0	0	0	0
Department of Commerce, total	91,323	41,469	34,478	0	4,906	0	6,873	0	3,597	0
Nat'l Inst of Standards & Tech	47,012	9,564	34,478	0	1,556	0	1,414	0	0	0
Nat'l Oceanic & Atmospheric Admin	28,808	28,808	0	0	0	0	0	0	0	0
National Telecommunications & Information Administration	15,503	3,097	0	0	3,350	0	5,459	0	3,597	0
Department of Defense, total	29,215,036	6,210,067	21,684,244	183,680	381,530	179,159	132,739	358,388	2,308	82,921
Defense Agencies, total	5,741,877	1,235,864	3,985,837	26,285	205,572	126,418	58,897	53,855	127	49,022
Ballistic Missile Defense Org	2,969,258	508,141	2,346,747	1,204	30,428	38,646	2,389	9,663	0	32,040
Chemical and Biological Defense ²	272,936	121,576	121,798	0	19,717	7,339	0	2,506	0	0
Defense Adv Rsch Projects Agcy	1,037,776	117,759	697,297	4,991	120,038	46,723	32,902	17,622	0	444
Defense Info Systems Agcy	216,417	64,035	131,664	0	985	300	8,382	11,051	0	0
Defense Logistics Agency	43,026	22,734	15,300	0	3,792	0	600	600	0	0
Defense Threat Reduction Agency	129,758	36,240	87,726	1,917	646	2,573	63	593	0	0
Joint Staff	59,962	59,962	0	0	0	0	0	0	0	0
Special Operations Command	230,399	71,805	158,594	0	0	0	0	0	0	0
TRICARE Management Activity ³	63,680	1,394	62,286	0	0	0	0	0	0	0
Washington Headquarters Svcs	718,665	232,218	364,425	18,173	29,966	30,837	14,561	11,820	127	16,538
Department of the Air Force	9,141,140	565,281	8,253,280	97,027	5,556	12,451	10,826	194,409	2,045	265
Department of the Army	5,393,715	1,340,417	3,897,585	54,945	22,602	23,831	11,951	25,303	136	16,945
Department of the Navy	8,737,266	2,997,440	5,443,248	2,780	147,073	16,459	51,065	62,512	0	16,689
Operational Test & Evaluation, Director	201,038	71,065	104,294	2,643	727	0	0	22,309	0	0
Department of Defense, total advanced technology	3,968,064	943,424	2,530,619	34,920	214,600	86,771	94,009	52,370	2,181	9,170
Defense Agencies, total	2,098,680	433,340	1,305,062	24,638	161,262	83,082	47,231	36,958	0	7,107
Ballistic Missile Defense Organization	219,482	24,697	183,194	100	1,019	1,171	2,334	6,927	0	40
Chemical and Biological Defense ²	49,511	30,637	9,477	0	7,532	1,865	0	0	0	0
Defense Advanced Research Projects Agency	948,495	86,098	639,677	4,991	120,038	46,723	32,902	17,622	0	444
Defense Logistics Agency	37,917	22,634	11,491	0	3,792	0	0	0	0	0
Defense Threat Reduction Agency	129,758	36,240	87,726	1,917	646	2,573	63	593	0	0
Joint Staff	59,962	59,962	0	0	0	0	0	0	0	0
Special Operations Command	99,710	33,123	66,587	0	0	0	0	0	0	0
Washington Headquarters Services	553,845	139,949	306,910	17,630	28,235	30,750	11,932	11,816	0	6,623
Department of the Air Force	651,592	150,670	474,084	8,820	5,406	405	505	9,657	2,045	0
Department of the Army ⁴	628,783	221,096	396,051	1,182	3,612	815	2,251	1,798	136	1,842
Department of the Navy	589,009	138,318	355,422	280	44,320	2,469	44,022	3,957	0	221

See explanatory information, if any, and SOURCE at end of table.

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Page 2 of 3

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			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Department of Defense, total										
major systems	25,246,972	5,266,643	19,153,625	148,760	166,930	92,388	38,730	306,018	127	73,751
Defense Agencies, total	3,643,197	802,524	2,680,775	1,647	44,310	43,336	11,666	16,897	127	41,915
Ballistic Missile Defense Organization	2,749,776	483,444	2,163,553	1,104	29,409	37,475	55	2,736	0	32,000
Chemical and Biological Defense ²	223,425	90,939	112,321	0	12,185	5,474	0	2,506	0	0
Defense Advanced Research Projects Agency	89,281	31,661	57,620	0	0	0	0	0	0	0
Defense Information Systems Agency	216,417	64,035	131,664	0	985	300	8,382	11,051	0	0
Defense Logistics Agency	5,109	100	3,809	0	0	0	600	600	0	0
Special Operations Command	130,689	38,682	92,007	0	0	0	0	0	0	0
TRICARE Management Activity ³ ...	63,680	1,394	62,286	0	0	0	0	0	0	0
Washington Headquarters Services	164,820	92,269	57,515	543	1,731	87	2,629	4	127	9,915
Department of the Air Force	8,489,548	414,611	7,779,196	88,207	150	12,046	10,321	184,752	0	265
Department of the Army	4,764,932	1,119,321	3,501,534	53,763	18,990	23,016	9,700	23,505	0	15,103
Department of the Navy	8,148,257	2,859,122	5,087,826	2,500	102,753	13,990	7,043	58,555	0	16,468
Operational Test & Evaluation, Director	201,038	71,065	104,294	2,643	727	0	0	22,309	0	0
Department of Education	82,370	3,532	8,499	0	44,246	0	26,053	0	40	0
Department of Energy	1,817,531	236,170	786,963	324,384	38,554	308,034	17,233	104,293	900	1,000
Dept of Health & Human Svcs, total	680,413	18,802	487,462	0	55,577	0	79,048	0	39,524	0
Agency for Healthcare Research and Quality ⁵	18,375	18,375	0	0	0	0	0	0	0	0
Office of the Secretary, total	3,304	426	0	0	2,878	0	0	0	0	0
Office of Public Hlth & Science	3,304	426	0	0	2,878	0	0	0	0	0
Substance Abuse & Mental Health Services Administration ⁶	658,734	1	487,462	0	52,699	0	79,048	0	39,524	0
Dept of Housing & Urban Development	28,766	9,496	10,816	0	544	0	7,910	0	0	0
Department of the Interior, total	31,728	30,518	0	0	1,169	0	0	0	41	0
Bureau of Reclamation	2,100	1,365	0	0	735	0	0	0	0	0
Geological Survey	29,628	29,153	0	0	434	0	0	0	41	0
Department of Justice, total	37,257	14,104	850	0	6,000	0	7,550	0	8,753	0
Bureau of Prisons	4,553	500	0	0	0	0	0	0	4,053	0
Federal Bureau of Investigation	13,194	13,194	0	0	0	0	0	0	0	0
Immigration & Naturalization Svc	600	300	300	0	0	0	0	0	0	0
Office of Justice Programs	18,910	110	550	0	6,000	0	7,550	0	4,700	0
Department of Labor, total	41,271	21,000	1,299	0	8,075	0	10,897	0	0	0
Employment & Training Admin	39,671	20,699	0	0	8,075	0	10,897	0	0	0
Office of the Secretary	925	25	900	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp	675	276	399	0	0	0	0	0	0	0
Department of Transportation, total	164,203	51,894	88,495	0	11,181	0	5,343	0	7,290	0
Coast Guard	16,983	10,714	6,259	0	10	0	0	0	0	0
Federal Aviation Administration	71,450	9,043	62,407	0	0	0	0	0	0	0
Federal Highway Administration	51,661	18,987	15,933	0	7,307	0	2,344	0	7,090	0
Federal Motor Carrier Safety Administration ⁷	4,238	337	189	0	1,648	0	2,064	0	0	0
Federal Railroad Administration	3,200	821	2,163	0	216	0	0	0	0	0
Federal Transit Administration	7,120	5,120	0	0	2,000	0	0	0	0	0
Office of the Secretary	5,193	5,193	0	0	0	0	0	0	0	0
Research & Special Programs Admin ...	4,358	1,679	1,544	0	0	0	935	0	200	0

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Page 3 of 3

Page 6 of 7

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			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Department of the Treasury, total	11,967	3,298	8,659	0	10	0	0	0	0	0
Bureau of Engraving & Printing	278	278	0	0	0	0	0	0	0	0
Internal Revenue Service	7,169	2,210	4,959	0	0	0	0	0	0	0
United States Customs Service	3,900	700	3,200	0	0	0	0	0	0	0
United States Mint	620	110	500	0	10	0	0	0	0	0
Department of Veterans Affairs	7,214	7,214	0	0	0	0	0	0	0	0
Other agencies:										
Environmental Protection Agency ⁸	92,900	58,494	3,981	0	18,634	0	9,162	0	2,474	155
Internat'l Development Cooperation										
Agency, total	26,308	2,500	150	0	1,500	0	22,158	0	0	0
Agcy for Internat'l Development ⁹	26,308	2,500	150	0	1,500	0	22,158	0	0	0
Library of Congress	1,596	921	675	0	0	0	0	0	0	0
National Aeronautics & Space Administration ¹⁰	2,838,425	732,717	991,441	0	124,033	786,300	179,400	1,069	1,010	22,455

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.

³ TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.

⁴ The Department of the Army, Civil Functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown. For accounting purposes the funds are shown in the advanced technology total for the Department of the Army.

⁵ The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.

⁶ Data for fiscal years 2000-2002 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.

⁷ The Federal Motor Carrier Safety Administration, formerly a part of the Federal Highway Administration, was established within the Department of Transportation on January 1, 2000, as stated in the Motor Carrier Safety Improvement Act of 1999 (Public Law No. 106-159, 113 Stat. 1748 (December 9, 1999)).

⁸ Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.

⁹ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.

¹⁰ Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

KEY: FFRDCs = Federally funded research and development centers

NOTES: Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002